JUN 1 8 2001 SEQUENCE LISTING

Karras, James G
McKay, Robert
Manoharan, Muthiah

Nicholas M.

- <120> ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL TRANSDUCTION
- <130> ISPH-0537
- <140> US/09/800,629
- <141> 2001-03-17
- <150> PCT/US00/07318
- <151> 2000-03-17
- <150> 09/280,799
- <151> 1999-03-26
- <160> 210
- <170> PatentIn Ver. 2.0
- <210> 1
- <211> 6727
- <212> DNA
- <213> Mus musculus
- <400> 1

tgtacctccc acatctgctg gtgtgtacca ccacacctag taagatattc tcaacattta 60 tgtattttag cctaaccctg ttggaggtat acatttgaat acattttttc tcactttatc 120 aggaattgag tttaacacat attaaagcag gtgtggggca gggagggggg gataaaaaaag 180 aaggtgctca agaaaagccg atcacgctcc caagagtgtg agcatgggcg tctctagaga 240 gatccgccat atatgcacaa cttttaaaga gaaattcaat aaccagaatg gagtgtaaat 300 gtggatcaaa gttgtagaaa cattcttta tgttatagaa aatgctttt aagcaggggt 360 gggggtcaag atgttaacta ttattaaaga gcaaaaaaaa aaaaatgcat tttgtttgaa 420

gacccagggc actggaaacc ctgagtttca ggactcgcct ttattaggtg tcctctatct 480 gattgttagc aattattcat ttcctcagag agagaataaa ttgcttgggg attcggccct 540 gctctgcgct cttcctttgc tgaaggccag cgctgaagac ttcagagtca tgagaaggat 600 gettetgeae ttgagtgtte tgaeteteag etgtgtetgg geeaetgeea tggagattee 660 catgagcaca gtggtgaaag agacettgae acagetgtee geteacegag etetgttgae 720 aagcaatgag gtaaagtata acttatteet teagetttgt ttttaagate aggaeettge 780 tataccgctc tgactggcct caaacttgct atgtagggta ggctgtccta acccctacca 840 gatctcctta cctatgtctc ccaaatacta ggattacaga cacattacct tgcctgacgc 900 tatggttctt cagaatgcat aaatagctgc atttggcctt taatcccaga acttgggagg 960 cagggtcagg tggatctctg tgagttcaag gccagacttg tctacgtggc cagttacagg 1020 acagccagag ctaaagcaag accctgattc aaaataattt tttttcaaaa caaaaaaaaa 1080 aaacccaaac catttgtggc aattcatttc taaacataaa gatctgcttt aaatagtgca 1140 attatggett gtteeettge ettettgete eegttetgte etettgteee acteteteee 1200 cattccaccc ccaccatgtg ctcatggccc gcatctctac ttctctactc tctttctctc 1260 cetetecet cettetect tecetetet etetecetet tettetecte etetettet 1320 ctctctctc ctctctct ctcttctct ctctctctgc ttttttctat ctctactacc 1380 ctctcaactc ccctctccat gccctgaata agctctattc tatactaaaa aaaaaaaagt 1440 gcaattatga atgtgttagt gttaatgcac aggtgataac cctatcacca gcaagcattg 1500 cattaaaaaa ggcaacggac tctctttagg atgaccctat gatgttcttt cctttgcaga 1560 cgatgaggct tcctgtccct actcataaaa atgtaagtta ttctttactg ccgtgcttgc 1620 atgagtaagt cagcttcgca tactaagcta taagtcatct gcatctagct ttctggtgtt 1680 gtgtgtgtct gggatgggga cctctctagg tctcaagctc ctgggttcaa gtgattctct 1740 tgccttgata gagcagctgg gacacaggcc tgtgccacca cacccagcag agcttttgat 1800 ttcagttaaa ctgtttgact ttcttggaaa agaaaattta tgtaggtaga tatgaaagtt 1860 tgtgcttata aataaaaaga atatgagagt ggcaaattat gtaatcccag tacttgggag 1920 ccaaaggcag gggtagtctg agtctagggc cagcttagat acattgccct gtatgtatca 1980 aaagtaaatc ctataaataa ataaacaaaa acattagagg gctggagata taagctctgt 2040 tgatagatgg cctaatatgc tgggttgact cttagcaccc cataaactaa acatggaagt 2100 acctggctgt aatctcatga tggtgaaatg gagggggaa gatcataggt tcaaggtcat 2160 cctcagctac atttttgagc tagaggccag cctgggctat gagacacgca aaaaccacca 2220 gccaattaat attaggaatg gctttgagct agatctgtta tgtaagtggc cagctggagc 2280 tgtcagtcat acatctcaca gcctcacaag attctttgca tggcgagagg tcctgctggg 2340 ctccctttgg ctctgtccat ggctctcttc atcctagtgc ctctctttgt tttccttgtc 2400 ttatttctta ctgctgagga tcaagcccag ggccttcagt gtgtgaagtg agcactctac 2460 cactgaattc cagagcccgc ccactctaat gcctttctga aagtattaag agtttagggt 2520 tatatattcc ttttgtttat tttatgtgta tgagcatttt gcctgcatat atatatat 2580 atatatat atatatat gtgtgtgtgt gtgtgtgtgt gtgtgtatat atatatgtat 2640

gttccacgta tgtgtctatg tgtctggtgt tcctgaaggc taaaagaagg gcatcagatc 2760 acctggggct ggatatgcag atggttgtga gccaaccatc tggatgctgg gaactgcatc 2820 aagtgttett aaccaetgag ceatetetee egeteagagg gttatattet taggtaatga 2880 tagaaagaca taaaaatatc atgaatgcct ttattaataa tttctaaaca gtttaatgaa 2940 tatgactatg tagtgatatt gtatacattt caatattatc ttattctagc gtaaagtaca 3000 ttatttaact ttttctaaat agaagaaaat tcatcagcct aaatttcaaa agaaaatatt 3060 aatatgggtg tggtaccact cacctttaat ccagatggtt gtgagccacc acaagggtgc 3120 tggtaactga acccaggtcc tctggaagag gacccagtga tcttaaccac tgagccatct 3180 ccccagcccc aatcctaact ttgggttcat ttttttgaaa tgatctcatg tagcactagc 3240 tggcctcaaa ctctatgtat cagaggctgg ccttcaactc ctgatcctct tacctcaact 3300 tcctgaatgc tggcattaca gataagcacc atcacatctt gtattgtctg gggtttttta 3360 ttgatgcatt taaattgcat gtatttattg catatggcat gatatttcaa aatatgtgta 3420 cgttgtgggc agtctgatct atttgcttct tgataatctt ctttcagcac cagctatgca 3480 ttggagaaat ctttcagggg ctagacatac tgaagaatca aactgtccgt gggggtactg 3540 tggaaatgct attccaaaac ctgtcattaa taaagaaata cattgaccgc caaaaagtaa 3600 gttccccagg gaccctgtga atccggctgc agctggttct ccaggagcca acctgacagt 3660 ctgttctttt cacaggagaa gtgtggcgag gagagacgga ggacgaggca gttcctggat 3720 tacctgcaag agttccttgg tgtgatgagt acagagtggg caatggaagg ctgaggctga 3780 gctgctccat ggtgacagga cttcacaatt taagttaaat tgtcaacaga tgcaaaaacc 3840 ccacaaaact gtgcaaatgc aagggatacc atatgctgtt tccatttata tttatgtcct 3900 gtagtcagtt aaacctatct atgtccatat atgcaaagtg tttaaccttt ttgtatacgc 3960 ataaaagaaa ttcctgtagc gcaggctggc ctcaaactgg taatgtagcc aaggataacc 4020 ttgaatttct gatcctcctg cctcctcttc ctgaaggctg aggttacaga catgcaccat 4080 tgccactagt tcatgaagtg ctggagatgg aacccaaggc tttgtgcatg ttaccaactg 4140 agttatactc cctcccctc atcctcttcg ttgcatcagg gtctcaagta ttccaggctg 4200 actttgaact cagtgtgtag ccaagggtga ccctgaactc ttggtccaga tggacgcagg 4260 aggatcacat acccaacctt agcatccttt ctcctagccc ctttagatag atgatactta 4320 atgactetet tgetgaggga tgecaeaceg gggetteetg etectateta aetteaattt 4380 aatacccact agtcaatctc tcctcaactc cctgctactc tccccaaact ctagtaagcc 4440 cacttctatt tcttggggag agagaaggtt gacttttctt atgtcctatg tatgaatcag 4500 actgtgccat gactgtgcct ctgtgcctgg agcagctgga ttttggaaaa gaaaagggac 4560 atctccttgc agtgtgaatg agagccagcc acatgctggg ccttacttct ccgtgtaact 4620 gaacttaaga agcaaagtaa ataccacaac cttactaccc catgccaaca gaaagcataa 4680 aatggttggg atgttattca ggtatcaggg tcactggaga agcctccccc agtttactcc 4740 aggaaaaaca gatgtatgct tttatttaat tctgtaagat gttcatatta tttatgatgg 4800 attcagtaag ttaatattta ttacaacgta tataatattc taataaagca gaagggacaa 4860 ctcaaattca gtttgctatt ggtcttttct aaccetgggt gtgtgcaggg acceagagga 4920 gagactgagt atgtcctgac taagcacttt cagctcctta gagcttcagg gagcaccaag 4980

```
ggtggacttg gtagtggtat cgggagcaag aacaagggct gggactgagc ctggatctcc 5040
ctatgtagga gtatgtccag atggctcagg gtgaacagga gaggaatgaa tgagaggatg 5100
aatgaatgaa tgaataaatg aatgaatggg agatcgctcc attaataaag tgcttgctgt 5160
acaaggatga agagctgagt tcgagctcca aaacccattt cagaaagctg ggcatggtgg 5220
gggcacactt gtagtcctga cactgggaga cagaaatagc cagatccctg gggctctctg 5280
ttcagccaac ctaaatgaat tggtgagttc tggaccagtg agagatcttc tctcaaaaag 5340
caaggtggaa gccgagcgtg gtgacacacg cctttaattc cagcacttgg gaggcagagg 5400
caggoggatt totgagttog aggocagoot ggtotacaaa gtgagttoca ggacagocag 5460
tgaactacct gtgtatgcat gttgtgtgtg cttgcattgt gcaggtcaaa tgaacacact 5580
gggactette cactaacact etetaceteg tteectaaga gggteteetg etgaacatgg 5640
agtttcccat ttcttttggt taggctggca gccagccagc aagtcccagc gatcctcctg 5700
tctcctcttc ctcctgctca gccccagggg tggagtctta ggtatgcgtg gccatgccag 5760
gctttttcca tgggtgctgg agatccagac gcagcttctc atgttcgcgc agtggcactc 5820
ttgcccactg aagcatcttc catcttgccc actgaagcat ctcccatctt acccactcaa 5880
gcatcttcca tcttacccac tcaagcatct tccatcttac ccactcaagc atcttccatc 5940
ttacccactc aagcatcttc cagctcctta gtatgttttt tttttaaaca tgtacttggc 6000
tttttaaaat tgtaataaac taaaggtata caatatgtat tgattgatat gcttacttat 6060
tagctgactt cagacacacc agaacagggc attggatccc attacggatg gttgtgagcc 6180
accatgtggt tgctgggaat tgaactcagg acctttggaa gaacagtctc tctggctctg 6240
tagttatctt tcagtatact tttccttgaa aattttatat gtctgtgcga tctattctgg 6300
toctaccatt cactotoact ottootggao ttoocagtat ggccccctcc cgatttcaaa 6360
tcttctcact cttatttttt agcccactga gttcagttag tgttgtccct atgagcacgt 6420
gtggaccatc tacttgagct taggcaacct accagtggcc acatccctac aggaaaggta 6480
ctcttcctct cttggtggcc ataaaccccc aacgggtcct cacatagggc aggagcctta 6540
ggagtttccc tccccattca tactaaactt tggttggctt gatggtgtga agataaccac 6600
agctgctgtg aggtcctgag tacaagggcc aagtcacgtc caggaggcag catctcacag 6660
tacttacccc cagtetetgg etegaacate etteceacca tececettea teatgtteet 6720
                                                              6727
taagctt
```

```
<210> 2
```

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Synthetic

<400> 2	
cccaagcaat ttattctctc	20
<210> 3	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 3	
tcagcaaagg aagagcgcag	20
<210> 4	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 4	
cactgtgctc atgggaatct	20
<210> 5	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 5	
actttacctc attgcttgtc	20

<210>	6
<211>	20
<212>	DNA
<213>	Artificial Sequence
<220>	
<223>	Description of Artificial Sequence:Synthetic
<400>	6
tcagag	cggt atagcaaggt 20
<210>	
<211>	
<212> 1	
<213> 2	Artificial Sequence
<220>	
<223> 1	Description of Artificial Sequence:Synthetic
<400>	7
	, gtct gcaaaggaaa 20
Cicaccy	geet geaaaggaaa 20
<210> 8	8
<211> 3	20
<212> I	ONA
<213> 2	Artificial Sequence
<220>	
<223> I	Description of Artificial Sequence:Synthetic
<400> 8	8
tatgagt	tagg gacaggaagc 20
<210> 9	9
<211> 2	20
<212> I	ONA

<213> Artificial Sequence

<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 9	
atttttatga gtagggacag	20
<210> 10	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 10	
acaaggaaaa taaagaataa	20
<210> 11	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 11	
acaaggaaaa caaagagagg	20
<210> 12	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 12	
ctggtgctga aagaagatta	20

<210> 13	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial S	Sequence:Synthetic
<400> 13	
ccacggacag tttgatcctt	20
coacggacag cocgaccee	
<210> 14	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial S	Sequence:Synthetic
<400> 14	
aatgacaggt tttggaatag	20
<210> 15	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
-	
<220>	
<223> Description of Artificial S	Sequence:Synthetic
<400> 15	
gcggtcaatg tatttcttta	20
<210> 16	
<211> 20	
<212> DNA	
<213> Artificial Sequence	

<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 16	
ggaacttact ttttggcggt	20
<210> 17	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 17	
cagactgtca ggttggctcc	20
<210> 18	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 18	
tcctcgccac acttctcctg	20
<210> 19	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 19	
aactgcctcg tcctccgtct	20

<210> 20	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 20	
tactcatcac accaaggaac	20
<210> 21	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 21	
ctcagcctca gccttccatt	20
<210> 22	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 22	
ttaaattgtg aagtcctgtc	20
<210> 23	
<211> 20	
<212> DNA	
<213> Artificial Sequence	

<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 23	
aaatataaat ggaaacagca	20
<210> 24	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 24	
ctacaggaca taaatataaa	20
<210> 25	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 25	
tatacaaaaa ggttaaacac	20
<210> 26	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 26	

ggttatcctt ggctacatta	20
<210> 27	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 27	
aactgcctcc tcctccgtct	20
<210> 28	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 28	
aactgccacc tgctccgtct	20
<210> 29	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
vara, varazorar podreme	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 29	
aactggcacc tgcaccgtct	20
<210> 30	
<211> 20	
<212> DNA	

<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence	e:Synthetic
<400> 30	
ggttatccta ggctacatta	20
<210> 31	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<pre><223> Description of Artificial Sequence</pre>	e:Synthetic
(223) Debeliption of American bequen	0.0700
<400> 31	
ggttatcgta gcctacatta	20
<210> 32	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence	e:Synthetic
<400> 32	20
ggttaacgta gccaacatta	20
<210> 33	
<211> 29	
<211> 25 <212> DNA	
<213> Artificial Sequence	
<213> Artificial Sequence	
<213> Artificial Sequence	

<400> 33	
agtgttctga ctctcagctg tgtctgggc	29
<210> 34	
<211> 24	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 34	
ttcagagtca tgagaaggat gctt	24
<210> 35	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 35	
accactgtgc tcatgggaat ct	22
<210> 36	
<211> 27	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 36	
aaggccgaga atgggaagct tgtcatc	27
<210> 37	
<211> 20	

<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 37	
ggcaaattca acggcacagt	20
<210> 38	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 38	
gggtctcgct cctggaagat	20
<210> 39	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 39	
ctttggcaaa gaaagtgcat	20
<210> 40	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	

<400> 40	
cgttctgcgt ttgcctttgg	20
<210> 41	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 41	
tcctcatggc tctgaaacgt	20
<210> 42	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
400 40	
<400> 42	20
aagaaaatta cetcattgge	20
<210> 43	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 43	
ttacagcaca ccagcattca	20
<210> 44	

<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 44	
tcctcagagt ctggagagga	20
<210> 45	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 45	
ggaacaggaa tcctcagagt	20
<210> 46	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
-	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<u> </u>	
<400> 46	
tttaacttac atttttatgt	20
-	
<210> 47	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
-	
<220>	

<223> Description of Artificial S	Sequence:Synthetic
<400> 47	
tttacttatt catgccatca	20
<210> 48	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	Orange Comphania
<223> Description of Artificial S	sequence:synthetic
<400> 48	
gacacgatgc tctttgggaa	20
<210> 49	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial S	Sequence:Synthetic
<400> 49	
cattttaata tgaccaggca	20
caceceanca egacoaggoa	
<210> 50	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial S	Sequence:Synthetic
<400> 50	
ttctaggcaa caaaccacca	20

<210> 51		
<211> 20		
<212> DNA		
<213> Art	ificial Sequence	
<220>		
<223> Des	cription of Artificial Sequence:Synthetic	
<400> 51		20
acagttggt	g ctaaatgagg	2 U
<210> 52		
<210> 52		
<211> 20 <212> DNA		
	ificial Sequence	
(215) ATC	IIICIAI BOQUONOO	
<220>		
<223> Des	cription of Artificial Sequence:Synthetic	
<400> 52		
ttcttcagt	g cacagttggt	20
<210> 53		
<211> 20		
<212> DNA		
<213> Art	ificial Sequence	
<220>	anisting of Autificial Company Comthatic	
<223> Des	cription of Artificial Sequence:Synthetic	
<400> 53		
(400) 33	c acagtitgac	20
acccccttq		
acccccttg		
accccttg		
<210> 54		

<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 54	
tggccgtcaa tgtatttctt	20
<210> 55	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 55	
tgtaacttac tttttggccg	20
<210> 56	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 56	
tccatagaaa taggcacagc	20
<210> 57	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
·	
<400> 57	
cacacttttt ctgtgaaaaa	20

<210> 58	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 58	2.0
attggtttac tctccgtctt	20
<210> 59	
<211> 20	
<211> 20 <212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 59	
ttatccactc ggtgttcatt	20
<210> 60	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<pre><220> <223> Description of Artificial Sequence:Synthetic</pre>	
(225) Bedolipelon of interioral to facility (1997)	
<400> 60	
tccttctcct ccaaaatctt	20
<210> 61	
<211> 20	
<212> DNA	
<213> Artificial Sequence	

<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 61	
tggccctcat tctcactgca	20
tageteteat teteatigea	
<210> 62	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 62	
tctggcaaag tgtcagtatg	20
<210> 63	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 63	
ttgcctggag gaaaatactt	20
<210> 64	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 64	

ctttggcaaa gaaagtgcat	20
<210> 65	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 65	20
cgttctgcgt ttgcctttgg	20
<210> 66	
<211> 20 <212> DNA	
<213> Artificial Sequence	
(213) Artificial bequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 66	
aagaaaatta cctcattggc	20
<210> 67	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<220> <223> Description of Artificial Sequence:Synthetic	
<220> <223> Description of Artificial Sequence:Synthetic <400> 67	20
<220> <223> Description of Artificial Sequence:Synthetic	20
<220> <223> Description of Artificial Sequence:Synthetic <400> 67 tcctcagagt ctggagagga	20
<220> <223> Description of Artificial Sequence:Synthetic <400> 67	20
<220> <223> Description of Artificial Sequence:Synthetic <400> 67 tcctcagagt ctggagagga <210> 68	20

<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 68	
tttaacttac atttttatgt	20
<210> 69	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 69	
acagttggtg ctaaatgagg	20
<210> 70	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 70	
tgtaacttac tttttggccg	20
<210> 71	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	

<400> 71	
cacacttttt ctgtgaaaaa	20
<210> 72	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 72	
tctggcaaac tgtcagtatg	20
<210> 73	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
-	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 73	
totggcatac totcagtatg	20
<210> 74	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<pre><223> Description of Artificial Sequence:Synthetic</pre>	
(225) Beboripeion of more requirement of	
<400> 74	
tctgggatac tctgagtatg	20
cougggatae totgagtatg	
-210. 75	
<210> 75	
<211> 20	

<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 75	
ttgcctggac gaaaatactt	20
<210> 76	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 76	
ttgcctgcac gtaaatactt	20
<210> 77	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 77	
ttgccagcac gtatatactt	20
<210> 78	
<211> 3230	
<212> DNA	
<213> Homo sapiens	
- -	
<400> 78	
atcctaatca agaccccagt gaacagaact cgaccctgcc aaggcttggc atttccattt	60

caatcactgt cttcccacca gtattttcaa tttcttttaa gacagattaa tctagccaca 120 gtcatagtag aacatagccg atcttgaaaa aaaacattcc caatatttat gtattttagc 180 ataaaattct gtttagtggt ctaccttata ctttgttttg cacacatctt ttaagaggaa 240 gttaattttc tgattttaag aaatgcaaat gtggggcaat gatgtattaa cccaaagatt 300 ccttccgtaa tagaaaatgt ttttaaaggg gggaaacagg gatttttatt attaaaagat 360 aaaagtaaat ttatttttta agatataagg cattggaaac atttagtttc acgatatgcc 420 attattaggc attctctatc tgattgttag aaattattca tttcctcaaa gacagacaat 480 aaattgactg gggacgcagt cttgtactat gcactttctt tgccaaaggc aaacgcagaa 540 cgtttcagag ccatgaggat gcttctgcat ttgagtttgc tagctcttgg agctgcctac 600 gtgtatgcca tccccacaga aattcccaca agtgcattgg tgaaagagac cttggcactg 660 ctttctactc atcgaactct gctgatagcc aatgaggtaa ttttctttat gattcctaca 720 gtctgtaaag tgcataggta atcatttgtg atggttcctt tactatatat agagatctgt 780 tataaataat aagattetga geacattagt acatgggtga taaetaeate aceageaaae 840 attctgttaa aagttatgaa tgctggtgtg ctgtaaaaat gattgtattt cctttcctct 900 ccagactctg aggattcctg ttcctgtaca taaaaatgta agttaaatta tgattcagta 960 aaatgatggc atgaataagt aaatttcctg ttttaagctg taaatcatta gttatcattg 1020 gaactattta attttctata ttttgttttc atatgggtgg ctgtgaatgt ctgtacttat 1080 aaatatgagg aatgactttt tatcaagtag aatcctttaa acaagtggat taggctcttt 1140 ggtgatgttg ttagtttgcc ttcccaaaga gcatcgtgtc aggattcttt ccagaaggat 1200 tccacactga gtgagaggtg cgtgctagtc tccgtgcagt tctgactctt tctcactcta 1260 acgtgtttct gaaagtatta gcaactcaga attatatttt tagaaccatg atcagtagac 1320 attaaaatat ataacaaatg ccctatatta ataattctgc atacttaaat aattatgact 1380 atatgatggt gtgtatgcat tgaatatgcc tggtcatatt aaaatgtaaa atatatagtt 1440 tattagtcta aatagaataa aactaccagc tagaactgta gaaacacatt gatatgagtt 1500 taatgtataa tgcattacac ttccaaaaca tttttttcca gttacataat taagttatat 1560 cctttataaa actcctcagt aatcatataa gcttcatcta ctttttgaaa attttatctt 1620 aatatgtggt ggtttgttgc ctagaaaaca aacaaaaaac tctttggaga agggaactca 1680 tgtaaatacc acaaaacaaa gcctaacttt gtggaccaaa attgttttaa taattatttt 1740 ttaattgatg aattaaaaag tatatatatt tattgtgtac aatatgatgt tttgaagtat 1800 gtatacattg cagaatggac aatggaccaa atttttatac cttgtcttga ttatttgcat 1860 tttaaaaatt ttcctcattt agcaccaact gtgcactgaa gaaatctttc agggaatagg 1920 cacactggag agtcaaactg tgcaaggggg tactgtggaa agactattca aaaacttgtc 1980 cttaataaag aaatacattg acggccaaaa agtaagttac acacattcaa tggaagctat 2040 atttgtcctg gctgtgccta tttctatgga attgacagtt tcctgtaata cctattgtca 2100 tttttctttt ttcacagaaa aagtgtggag aagaaagacg gagagtaaac caattcctag 2160 actacctgca agagtttctt ggtgtaatga acaccgagtg gataatagaa agttgagact 2220 aaactggttt gttgcagcca aagattttgg aggagaagga cattttactg cagtgagaat 2280 gagggccaag aaagagtcag gccttaattt tcaatataat ttaacttcag agggaaagta 2340

<400> 80

tagccgaata ctggaaaggt

```
aatatttcag gcatactgac actttgccag aaagcataaa attcttaaaa tatatttcag 2400
atatcagaat cattgaagta ttttcctcca ggcaaaattg atatactttt ttcttattta 2460
acttaacatt ctgtaaaatg tctgttaact taatagtatt tatgaaatgg ttaagaattt 2520
ggtaaattag tatttattta atgttatgtt gtgttctaat aaaacaaaaa tagacaactg 2580
ttcaatttgc tgctggcctc tgtccttagc aatttgaagt tagcacagtc cattgagtac 2640
atgeceagtt tggaggaagg gtetgageae atgtggetga geateceeat ttetetggag 2700
aagteteaag gttgeaagge acaccagagg tggaagtgat etageaggae ttagtgggga 2760
tgtggggagc agggacacag gcaggaggtg aacctggttt tctctctaca gtatatccag 2820
aacctgggat ggtcgaaggg taaatggtag ggaataaatg aatgaatgtc gtttccaaga 2880
tgattgtaga actaaaatga gttgtaagct cccctggaag aagggatgtg gaacctgtaa 2940
ctaggttcct gcccagcctg tgagaagaat ttggcagatc atctcattgc cagtatagag 3000
aggaagccag aaaccctctc tgccaaggcc tgcaggggtt cttaccacct gaccctgcac 3060
cataacaaaa ggacagagag acatggtagg gcagtcccat tagaaagact gagttccgta 3120
ttcccggggc agggcagcac caggccgcac aacatccatt ctgcctgctt atggctatca 3180
gtagcatcac tagagattct tctgtttgag aaaacttctc tcaaggatcc
                                                                   3230
<210> 79
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence:Synthetic
<400> 79
                                                                   20
gacctgtcca gtgagcttct
<210> 80
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence:Synthetic
```

20

<210> 81	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 81	
	20
aacacaggca ccatggtagc	20
<210> 82	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 82	
ctcttggtca ggatttgggt	20
<210> 83	
<211> 20	
<212> DNA <213> Artificial Sequence	
(213) Altificial bequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 83	
tcctcacgct agctgcaaag	20
<210> 84	
<211> 20	
<212> DNA	
<213> Artificial Sequence	

<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 84	
atggccttaa gtgggtgtgg	20
<210> 85	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 85	
gagccattaa tgtgcacagc	20
<210> 86	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 86	
tccactcgcc ccaccttcct	20
<210> 87	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 87	
2202202002 2002000200	20

<210>	88	
<211>	20	
<212>	NA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>		2.0
ccgga	accgg tggaaacaac	20
<210>	89	
<211>		
<212>		
	Artificial Sequence	
12107		
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	89	
ccaac	ctctt ccacacaatg	20
<210>	90	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>		
	tgact tcaaatccaa	20
<210>		
<211>		
<pre><2125</pre>	INA	

<213> Artificial Sequence

<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 91	
gcaaaatgcc atcaaaacgt	20
<210> 92	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 92	
cgagctctac caccgcctgg	20
<210> 93	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 93	
caagctggcc tcgaactcag	20
<210> 94	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 94	
ggatgggttg gtgacttgca	20

<210> 95	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
.400. 05	
<400> 95	20
tgaggaaacc aaaggcccat	20
<210> 96	
<211> 20	•
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 96	
tgtctcccac ttgcgtcagg	20
210. 07	
<210> 97 <211> 20	
<211> 20 <212> DNA	
<213> Artificial Sequence	
(21) Altificial bequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 97	
ttgaacaggc ctatggaaca	20
<210> 98	
<211> 20	
<212> DNA	

<213> Artificial Sequence

<220>	
<223> Description of Artificial Sequence:Synthetic	
400 00	
<400> 98	
tctttttcac cccaggcacg	20
<210> 99	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 99	
aattcccatg gatcctcttg	20
<210> 100	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 100	
atccagcaat cacctccaaa	20
<210> 101	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
•	
<220>	
<pre><223> Description of Artificial Sequence:Synthetic</pre>	
Service of the servic	
<400> 101	

tgttcagccc atcaaaaaga	20
<210> 102	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 102	
atttggctga caggaccccg	20
<210> 103	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<pre><223> Description of Artificial Sequence:Synthetic</pre>	
<400> 103	
tccagagact gcccaccca	20
<210> 104	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 104	
catctgcttc tgtattgcca	20
<210> 105	
<211> 20	
<212> DNA	

<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 105	
ccttttagct ccttgggtac	20
<210> 106	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 106	
catttctgag ggttgctggg	20
<210> 107	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 107	
catctgattg tgtcttgcca	20
<210> 108	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
ZZZIS DESCRIPTION OF AFFILLUIAL SECHENCE+SUNTNETIC	

<400> 108	
catctgcttg tgtattgcca	20
<210> 109	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 109	2.0
cacctgattg tgtcttgtca	20
<210> 110	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 110	
tgtccctcct tttggtgggg	20
<210> 111	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 111	20
ttagetetgt etetgetgat	20
<210> 112	
<211> 20	

<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequ	ence:Synthetic
•	-
<400> 112	
aactgctggc cagagttgta	20
<210> 113	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
(213) Artificial bequence	
<220>	
<pre><223> Description of Artificial Sequ.</pre>	ence.Synthetic
(223) Description of Artificial Sequ	ence. By nemecto
<400> 113	
	20
catagttaaa gcaatgatct	20
<210> 114	
<211> 20	
<211> 20 <212> DNA	
<213> Artificial Sequence	
.220.	
<220>	ongo Camthotia
<223> Description of Artificial Sequ	ence:synchecic
.400. 114	
<400> 114	20
gtttctcata ttcagtaacc	20
.010. 115	
<210> 115	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	and Completed a
<223> Description of Artificial Sequ	ence:Synthetic

<400> 115	
ggagtcctgt atgagttcat	20
<210> 116	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 116	
tetgtgeate ceaggtgetg	20
<210> 117	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<u>-</u>	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 117	
ctggctgtcc tggaactcac	20
<210> 118	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 118	
ttcaaggtaa gtcaagcaac	20
<210> 119	
(210) 113	

<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 119	
ctgatggcta ccactggcaa	20
<210> 120	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 120	
cactctcaat gagttctatc	20
<210> 121	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
4400- 121	
<400> 121	20
tgatgctggt tgatcaatct	20
<210> 122	
<210> 122 <211> 20	
<211> 20 <212> DNA	
<213> Artificial Sequence	

<223> Description of Artificial Sequence:Synthetic	
<400> 122	
tcaataggga atggtgtctt	20
<210> 123	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
.400 103	
<400> 123	20
ttccagagta cctagaagcc	20
<210> 124	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 124	
ccaacaggtt gccatgaagg	20
<210> 125	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<pre><223> Description of Artificial Sequence:Synthetic</pre>	
<400> 125	
agagattaga attgactaag	20

<210>	126	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	126	
actatt	cgcat atactagcaa	20
<210>	127	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	127	
ccatco	caata tacaaccacc	20
<210>	128	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	128	
ctcate	ggaag gagttacaga	20
<210>	129	
<211>	20	
<212>	DNA	

<213> Artificial Sequence

<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 129	
tgtggatact tcactgcttc	20
<210> 130	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 130	
atccaataga tgactgtgag	20
<210> 131	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 131	
gttcatattg ttgttcctgc	20
<210> 132	
<211> 3571	
<212> DNA	
<213> Mus musculus	
<400> 132	
gaaataattg gtaaacacag aaaatgtttc aatagaaaaa agaggaaaca gaacactgtg	60
tagccctgtt atcagcagag acagagctaa cgctggggat accaaactag aagaagctca	120
ctggacaggt cccggtatgc agttctattt ttgttgatgg ctctgtatct aatgtgttca	180
tttgtaccaa ggatctaacc agggtcttcc agagtctgag caagcttctc ccactgagct	240

acatcacage eccetgitta tiggaagaag aaataettae acetticeag taiteggeta 300 ccatggtgcc tgtgttacta attcttgtgg gagctttggc aacactgcaa gctgacttac 360 ttaatcacaa aaagttttta cttctaccac ctgtcaattt taccattaaa gccactggat 420 tageteaagt tettttaeae tgggaeeeaa ateetgaeea agageaaagg catgttgate 480 tagagtatca cgtgaaaata aatgccccac aagaagacga atatgatacc agaaagactg 540 aaagcaaatg tgtgaccccc cttcatgaag gctttgcagc tagcgtgagg accattctga 600 agagcagcca tacaactctg gccagcagtt gggtttctgc tgaactcaaa gctccaccag 660 gatctcctgg aacctcggtt acgaatttaa cttgtaccac acacactgtt gtaagtagcc 720 acacccactt aaggccatac caagtgtccc ttcgttgcac ctggcttgtt gggaaggatg 780 cccctgagga cacacagtat ttcctatact acaggtttgg tgttttgact gaaaaatgcc 840 aagaatacag cagagatgca ctgaacagaa atactgcatg ctggtttccc aggacattta 900 tcaacagcaa agggtttgaa cagcttgctg tgcacattaa tggctcaagc aagcgtgctg 960 caatcaagcc ctttgatcag ctgttcagtc cacttgccat tgaccaagtg aatcctccaa 1020 ggaatgtcac agtggaaatt gaaagcaatt ctctctatat acagtgggag aaaccacttt 1080 ctgcctttcc agatcattgc tttaactatg agctgaaaat ttacaacaca aaaaatggtc 1140 acattcagaa ggaaaaactg atcgccaata agttcatctc aaaaattgat gatgtttcta 1200 catattccat tcaagtgaga gcagctgtga gctcaccttg cagaatgcca ggaaggtggg 1260 tcattgtgct cccaacagct gcctgcttcg tcttgttaat cttctcactc atctgcagag 1380 tgtgtcattt atggaccagg ttgtttccac cggttccggc cccaaagagt aacatcaaag 1440 atctccctgt ggttactgaa tatgagaaac cttcgaatga aaccaaaatt gaagttgtac 1500 attgtgtgga agaggttgga tttgaagtca tgggaaattc cacgttttga tggcattttg 1560 ccattctgaa atgaactcat acaggactcc gtgataagag caaggactgc tatttcttgg 1620 caaggaggta tttcaaatga acactcagag ccaggcggtg gtagagctcg cctttaatac 1680 cagcacctgg gatgcacaga cgggaggatt tctgagttcg aggccagctt ggtctataaa 1740 gtgagttcca ggacagccag agctacacag agaaaccctg tctcgaaaaa acaaacaaac 1800 aaacaaacaa acaaaaatga acactcaatt tgaatgcaag tcaccaaccc atccagacat 1860 gagtcaccaa tgtcccattt cataaagtgt gcatgcctca ctcaaacctc cttgctcaca 1920 gcatagcacc agactcaccc agagcatggg cctttggttt cctacccaga gtaccatgtt 1980 ataccagtgt gtctttgaaa gttgcttgac ttaccttgaa ctttttgcac aggagacagt 2040 ttttttaagc taatgtcaca catgtttact ttgggttaag ttgccagtgg tagcactcag 2100 ctacagtgac aggaggaaag gatagaactc attgagagtg aacccaaatt caagactgtc 2160 tttcctgacg caagtgggag acacaatttc atggtgcttt tcccctttca gttctagaat 2220 agtttccttt ctagaactgt gcctgtgtct taaagcataa ggtaacattg aggcaaaaac 2280 aaagactatg teccaeatgt eeetgtgtte cataggeetg tteaaggaaa tgtetaagee 2340 aaagtaagtt taagtcaccg tgcctggggt gaaaaagatg gttcagatga cgaagaagca 2400 tgagggcctg agattgatca accagcatca agaaacaaca acaacaacag cagcagcaac 2460 aacaaaacag tgcaagaagc acattcctat aaccccagag ttgggagata aagacaagag 2520

```
gatccatggg aattgtagtt caaccagttt agccaattat gttatctcta ggttcactga 2580
gagaaatggt cttaaaaatt taaggtggag agtgactagg cagatcctct gatactgact 2640
gagagaagac agaagcttgt tcaaggatta aattetteaa ggettetagg taetetggaa 2760
atgacctgag aaagacattg aaaataattc tgctttggag gtgattgctg gatctagaat 2820
gtacttccca aagagatgtt gatgaaagag ccttcatggc aacctgttgg tcaactcatg 2880
cttagtcaat tctaatctct taaattaggg tttcctatac atattacaat tgtataaaaa 2940
tgtattetet aaatatette attaatgaag etgtatetat aggtettttt gatgggetga 3000
acatagaagc aaacacactt atgtgttggg aagaggaata agtagtgata gagggaccta 3060
gtggtagtta ttttacatag tcctgaagag ctaaagacaa tgaaagaaga aatggtactc 3120
acaagagaga gagctatgtc ggggtcctgt cagccaaatc ttgctagtat atgcaatagt 3180
gtctgggttt ggtggttgta tattggatgg ttccctgggt ggggcagtct ctggatggtc 3240
tttccttcca tcacagctct gaaatttgtc tctgtaactc cttccatgag tattttgttc 3300
cccattctaa gaagcagtga agtatccaca ctttggtctt ccttcttctt gagtttcatg 3360
tgttttgcaa attgtgtgcc tggcaataca gaagcagatg ctcacagtca tctattggat 3420
gaaacacagg gcccctaatg aaggagccag agaaagtacc caaggagcta aaagggtctg 3480
caaccctata gcaggaacaa caatatgaac tacccagcaa ccctcagaaa tgtaaatgaa 3540
                                                              3571
gaaaatatct aataaaaaaa aaaaaaaaa a
```

<210> 133

<211> 965

<212> DNA

<213> Mus musculus

<400> 133

gccttggaga ctgtcactgt cagggctgat gacggatgag ctgggtcagg ctagatagac 60 cctagcaatt tattagagcc agactcctag gcaattctct ctctacatgt tcactaagg 120 gttcagagct tcataacaaa gcagaagtca ggagtctcag aaatgcactt caaaatcagg 180 gtggaggaac ctgcccatgt gtcaggccct gtgacctatc aactcacaag ccttctgttg 240 ggatattgac caaacacagt atctttgctt atatgcaage acacacttgc gtgcaacaca 300 cacacacaca cacacacac cacacacac cacacacac cacacacac gctaaagctc 360 gcagagttct cagattgtgg tatatgaagg agcaagcctt tgtcagtgaa cagtatgatc 420 actaagactc tagtgtggc cctctctaat gggttgctct cttgggaatc tcctcaaa 480 gagcagttgt gtggtcttc cattgtaaga gaaactgcag gtgtcttct aaccatgaca 540 gttctgatga tgaaagtgta aagaacccgc cttaaagtca gtgtcttct aaccacagaa 600 gtagatgcac agctgcaggc tcagagctcg gcagccactg tacttcttag taaccaggaa 660 tcaaacgttt gactcactgt ggggttggta gggcagataa atacctttt ctatgactag 720 gctggagaca cgccaggac ccccacaaa aggagggaca ggaaaagaga aataattggt 780

<210> 137

aaacacagaa aat	gtttcaa	tagaaaaaag	aggaaacaga	acactgtgta	gccctgttat	840
cagcagagac aga	agctaacg	ctggggatac	caaactagaa	gaagctcact	ggacaggtcc	900
cggtatgcag ttc	tatttt	gttgatggct	ctgtatctaa	tgtgttcatt	tgtaccaagg	960
tgagt						965
<210> 134						
<211> 20						
<212> DNA						
<213> Artifici	ial Seque	ence				
<220>						
<223> Descript	ion of A	rtificial &	Sequence:Syr	nthetic		
<400> 134						
caaggacttc ctt	tcctttc					20
<210> 135						
<211> 20						
<212> DNA						
<213> Artifici	.al Seque	ence				
<220>						
<223> Descript	ion of A	rtificial S	Sequence : Syr	nthetic		
<400> 135						
gccattctac caa	ıggacttc					20
<210> 136						
<211> 20						
<212> DNA						
<213> Artifici	.al Seque	ence				
-220-						
<220>			3			
<223> Descript	lon of A	rtiricial S	sequence:Syr	renetic		
1100 126						
<400> 136	, , , , , , , , , , , , , , , , , , ,					20
acaatgagat gcc	attetae					20

<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	137	
tgttgg	ggagc acaatgagat	20
<210>	138	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	138	
agcago	gcagc tgttgggagc	20
<210>	139	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	139	
tgagaa	agatt aacaagacga	20
<210>	140	
<211>	20	
<212>		
<213>	Artificial Sequence	
<220×		

<223> Description of Artificial Sequence:Synthetic	
<400> 140	
tgcagatgag tgagaagatt	20
<210> 141	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
.400. 141	
<400> 141	
actctgcaga tgagtgagaa	20
<210> 142	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 142	
gactteettt eettteetgg	20
<210> 143	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 143	
aacaagacga agcaggcagc	20

<210> 144	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 144	
ctacactctg cagatgagtg	20
<210> 145	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 145	
cgatcagttt ttccttctaa	20
<210> 146	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 146	
tcacccacat aaataggttg	20
	20
<210> 147	
<211> 20	
<212> DNA	
<213> Artificial Sequence	

<220>	
<223> Description of Artificial Sequence:Synthetic	
400 145	
<400> 147	
ggtccataaa tgacacctga	20
<210> 148	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
•	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 148	
ttacctcata ttcagtaacc	20
<210> 149	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 149	
gccattctat caaggacttc	20
<210> 150	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 150	
gccatgctat caagcacttc	20

<210> 151	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 151	
gctatcctat caagcacgtc	20
getateetat caageacgee	20
<210> 152	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 152	
gactteetta cettteetgg	20
210. 153	
<210> 153 <211> 20	
<211> 20 <212> DNA	
<213> Artificial Sequence	
(215) Milliotal Bequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 153	
gactteetet tetteeetgg	20
<210> 154	
<211> 20	
<212> DNA	

<213> Artificial Sequence

<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 154	
gacctctttc cctcttctgg	20
<210> 155	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 155	
gtttttcctt ctgaatgtga	20
<210> 156	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 156	
ctttcctttc ccacataaat	20
<210> 157	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 157	

taaatgacac actctgcaga	20
<210> 158	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 158	
taaatgacac ccacataaat	20
taaatgacac ccacataaat	20
<210> 159	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 159	20
tcgaaggttt ccacataaat	20
<210> 160	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
100 150	
<400> 160	2.0
aaccactctc tcaagggctt	20
<210> 161	
<211> 20	
<212> DNA	

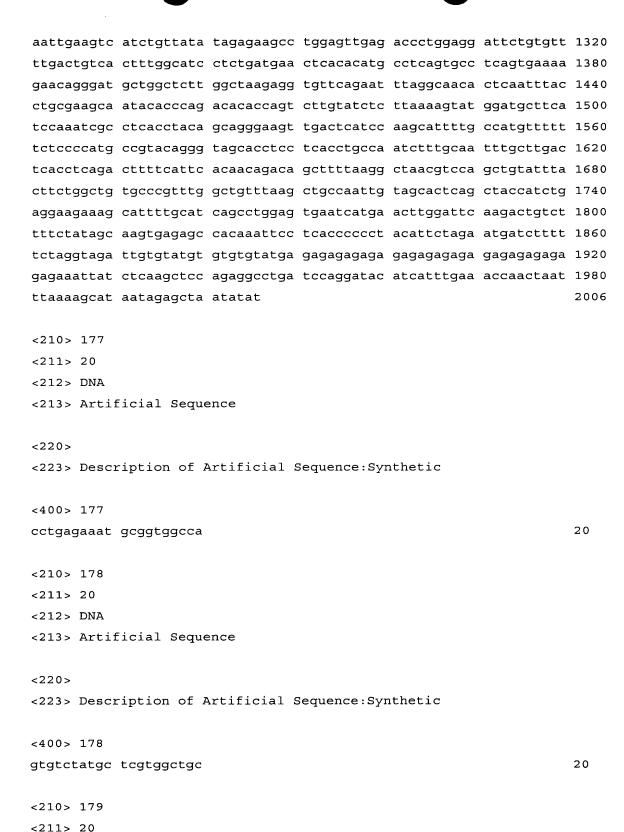
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 161	
tgctggaatt ggtggaaaca	20
<210> 162	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 162	
	20
gtctcaactc caggcttctc	20
<210> 163	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 163	
tcaaaacaca gaatcctcca	20
<210> 164	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	

<400> 164	
aggatgccaa agtgacagtc	20
<210> 165	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 165	
atccctgttc ttttcactga	20
<210> 166	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 166	
cgcaggtaaa ttgagtgttg	20
	20
<210> 167	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
12137 Artificial Dequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
2237 Descripcion of Arctricial Sequence.Synchecic	
<400> 167	
	20
tgaggcgatt tggatgaagc	∠ ∪
-210. 160	
<210> 168	
<211> 20	

<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	168	
tggac	gttag ccttaaaagc	20
<210>	169	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	169	
agctta	aaaca gccaaacggg	20
<210>	170	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	170	
ctccag	gctg atgcaaaatg	20
<210>	171	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	

<400> 171	
gggtgaggaa tttgtggctc	20
<210> 172	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 172	
ctggatcagg cctctggagc	20
<210> 173	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 173	
gggtgaggat tttgtggctc	20
<210> 174	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 174	
gggtgatgat ttggtggctc	20

```
<210> 175
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> Description of Artificial Sequence: Synthetic
<400> 175
                                                                  20
ggctgatgat ttggtgggtc
<210> 176
<211> 2006
<212> DNA
<213> Homo sapiens
<400> 176
cggtcctcgc catcttctgt tgagtactgg tcggaacaag aggatcgtct gtagacagga 60
tatgatcatc gtggcgcatg tattactcat ccttttgggg gccactgaga tactgcaagc 120
tgacttactt cctgatgaaa agatttcact tctcccacct gtcaatttca ccattaaagt 180
tactggtttg gctcaagttc ttttacaatg gaaaccaaat cctgatcaag agcaaaggaa 240
tgttaatcta gaatatcaag tgaaaataaa cgctccaaaa gaagatgact atgaaaccag 300
aatcactgaa agcaaatgtg taaccatcct ccacaaaggc ttttcagcaa gtgtgcggac 360
catectgeag aaegaeeact caetaetgge eageagetgg gettetgetg aaetteatge 420
cccaccaggg tetectggaa ceteagttgt gaatttaaet tgeaccacaa acaetacaga 480
agacaattat tcacgtttaa ggtcatacca agtttccctt cactgcacct ggcttgttgg 540
cacagatgcc cctgaggaca cgcagtattt tctctactat aggtatggct cttggactga 600
agaatgccaa gaatacagca aagacacact ggggagaaat atcgcatgct ggtttcccag 660
gacttttatc ctcagcaaag ggcgtgactg gcttgcggtg cttgttaacg gctccagcaa 720
gcactctgct atcaggccct ttgatcagct gtttgccctt cacgccattg atcaaataaa 780
tectecaetg aatgteaeag eagagattga aggaaetegt etetetatee aatgggagaa 840
accagtgtct gcttttccaa tccattgctt tgattatgaa gtaaaaatac acaatacaag 900
gaatggatat ttgcagatag aaaaattgat gaccaatgca ttcatctcaa taattgatga 960
tetttetaag taegatgtte aagtgagage ageagtgage teeatgtgea gagaggeagg 1020
gctctggagt gagtggagcc aacctattta tgtgggaaat gatgaacaca agcccttgag 1080
agagtggttt gtcattgtga ttatggcaac catctgcttc atcttgttaa ttctctcgct 1140
tatctgtaaa atatgtcatt tatggatcaa gttgtttcca ccaattccag caccaaaaag 1200
taatatcaaa gatctctttg taaccactaa ctatgagaaa gctgggtcca gtgagacgga 1260
```



<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial	Sequence:Synthetic
<400> 179	
cgatcctctt gttccgacca	20
<210> 180	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial	Sequence:Synthetic
<400> 180	
atgcgccacg atgatcatat	20
<210> 181	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial	Sequence:Synthetic
<400> 181	
gcagtatete agtggeeece	20
<210> 182	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial	Sequence:Synthetic

<400> 182	
tgctcttgat caggatttgg	20
<210> 183	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 183	
caggatggtc cgcacacttg	20
<210> 184	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence: Synthetic	
<400> 184	
gggcatgaag ttcagcagaa	20
<210> 185	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 185	
gccaggtgca gtgaagggaa	20
<210> 186	

<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<pre><223> Description of Artificial</pre>	Sequence · Synthetic
(225) Bobotipoion of Internal	
<400> 186	
ctcccagtg tgtctttgct	20
cccccageg egeceeegee	20
<210> 187	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial	Sequence:Synthetic
<400> 187	
aagccagtca cgccctttgc	20
<210> 188	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial	Sequence:Synthetic
<400> 188	
aaacagctga tcaaagggcc	20
<210> 189	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
•	
<220>	

<223> Description of Artificial Sequence:Synthetic	
<400> 189	
atggattgga aaagcagaca	20
<210> 190	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 190	
tctgcacatg gagctcactg	20
<210> 191	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 191	
aggttggete cacteactee	20
agginggene cacheache	
<210> 192	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 192	
totgcacatg tagotcactg	20

<210> 193						
<211> 20						
<212> DNA						
<213> Arti	ficial Seque	ence				
<220>						
<223> Desc	ription of A	Artificial S	Sequence : Syr	nthetic		
<400> 193						
tctgcacgtg	taactcactg					20
<210> 194						
<211> 20						
<212> DNA						
<213> Arti	ficial Seque	ence				
<220>						
<223> Desc	ription of A	Artificial S	Sequence : Syr	nthetic		
<400> 194						
tatgcacgtg	taactccctg					20
<210> 195						
<211> 1998						
<212> DNA						
<213> Homo	sapiens					
<400> 195						
ccgctgcttc	tcatcgcatg	gccaccgcat	ttctcaggcc	aggcacattg	agcattggtc	60
ctgtgcctga	cgctatgcta	gatgctgggg	ttgcagccac	gagcatagac	acgacagaca	120
cggtcctcgc	catcttctgt	tgagtactgg	tcggaacaag	aggatcgtct	gtagacaggc	180
	tttagattga					
	tgatcatcgt					
	acttacttcc					
	ctggtttggc					
	ttaatctaga					
gaaaccagaa	tcactgaaag	caaatgtgta	accatcctcc	acaaaggctt	ttcagcaagt	540
atacaaacca	tectacagaa	cgaccactca	ctactqqcca	gcagctgggc	ttctqctqaa	600

```
cttcatgccc caccagggtc tcctggaacc tcaattgtga atttaacttg caccacaaac 660
actacagaag acaattattc acgtttaagg tcataccaag tttcccttca ctgcacctgg 720
cttgttggca cagatgcccc tgaggacacg cagtattttc tctactatag gtatggctct 780
tggactgaag aatgccaaga atacagcaaa gacacactgg ggagaaatat cgcatgctgg 840
tttcccagga cttttatcct cagcaaaggg cgtgactggc tttcggtgct tgttaacggc 900
tccagcaage actetgetat caggeeettt gateagetgt ttgeeettea egeeattgat 960
caaataaatc ctccactgaa tgtcacagca gagattgaag gaactcgtct ctctatccaa 1020
tgggagaaac cagtgtctgc ttttccaatc cattgctttg attatgaagt aaaaatacac 1080
aatacaagga atggatattt gcagatagaa aaattgatga ccaatgcatt catctcaata 1140
attqatqatc tttctaaqta cgatgttcaa gtgagagcag cagtgagctc catgtgcaga 1200
gaggcagggc tctggagtga gtggagccaa cctatttatg tgggaaatga tgaacacaag 1260
cccttgagag agtggtttgt cattgtgatt atggcaacca tctgcttcat cttgttaatt 1320
ctctcgctta tctgtaaaat atgtcattta tggatcaagt tgtttccacc aattccagca 1380
ccaaaaagta atatcaaaga tctctttgta accactaact atgagaaagc tgggtccagt 1440
gagacggaaa ttgaagtcat ctgttatata gagaagcctg gagttgagac cctggaggat 1500
tctqtqtttt gactgtcact ttggcatcct ctgatgaact cacacatgcc tcagtgcctc 1560
agtgaaaaga acagggatgc tggctcttgg ctaagaggtg ttcagaattt aggcaacact 1620
caatttacct gcgaagcaat acacccagac acaccagtct tgtatctctt aaaagtatgg 1680
atgetteate caaategeet caectacage agggaagttg acteatecaa geattttgee 1740
atgttttttc tccccatgcc gtacagggta gcacctcctc acctgccaat ctttgcaatt 1800
tgcttgactc acctcagact ttcattcaca acagacagct tttaaggcta acgtccagct 1860
gtatttactt ctggctgtgc cgtttggctg tttaagctgc caattgtagc actcagctac 1920
catctgagga agaaagcatt ttgcatcagc ctggagtgaa ccatgaactt ggattcaaga 1980
                                                                  1998
ctgtcttttc tatagcaa
```

```
<210> 196
```

<220>

<223> Description of Artificial Sequence: Synthetic

<400> 196

acccagcttt ctgcaaaaca

20

<210> 197

<211> 20

<211> 20

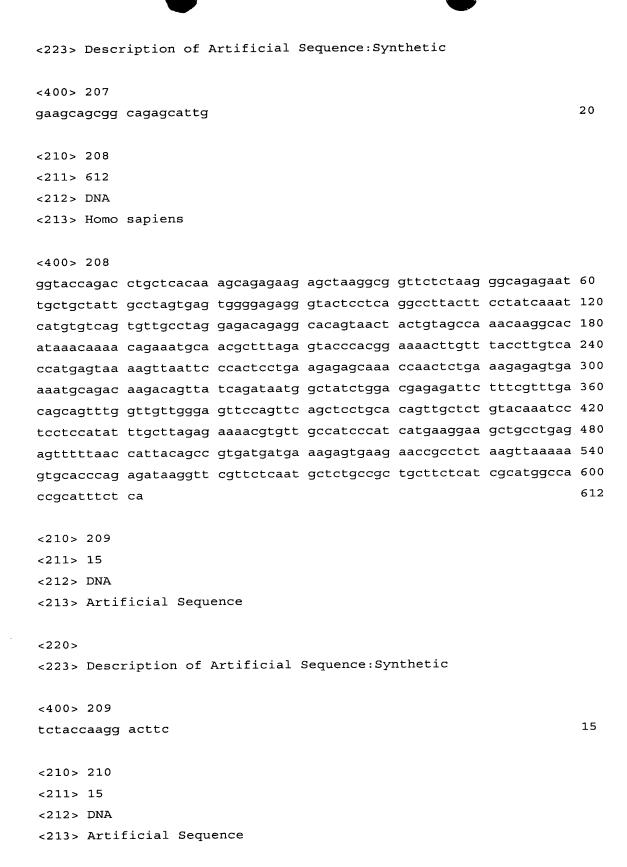
<212> DNA

<213> Artificial Sequence

<212> D	NA	
<213> A	rtificial Sequence	
<220>		
<223> D	escription of Artificial Sequ	uence:Synthetic
<400> 1	97	
tcaacat	tac ctcatagtta	20
<210> 1	.98	
<211> 2	0	
<212> D	ANA	
<213> A	artificial Sequence	•
<220>		
<223> D	escription of Artificial Sequ	uence:Synthetic
<400> 1	.98	
taaatga	cat ctgaaaacag	20
<210> 1	.99	
<211> 2	0	
<212> D	DNA	
<213> A	artificial Sequence	
<220>		
<223> D	Description of Artificial Seq	uence:Synthetic
<400> 1	.99	
gaacact	tac attttacaga	20
<210> 2	200	
<211> 2	0	
<212> D	NA	
<213> A	artificial Sequence	
<220>		
<223> D	Description of Artificial Seq	uence:Synthetic

<400> 200	
tcatcatttc ctggtggaaa	20
<210> 201	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 201	
tcatcattta ctggtggaaa	20
<210> 202	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 202	
tcagcattta ctggtgtaaa	20
<210> 203	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:Synthetic	
<400> 203	
tcagcagtta cttgtgtaaa	20
<210> 204	

<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	204	
agcgg	cagag cattgagaac	20
<210>	205	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
<400>	205	
agcgg	cagag cattgagaac	20
, ,,		
<210>	206	
<211>	20	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:Synthetic	
	_	
<400>	206	
gaagca	agcgg cagagcattg	20
J J		
<210>	207	
<211>		
<212>		
<213>	Artificial Sequence	
	-	
<220>		



<220>
<223> Description of Artificial Sequence:Synthetic

<400> 210 tcaacctaga acttc

15